Subject Index to Volume 8

A

A549 cells, alveolar type II epithelial cells, phospholipase A_2, characterization, L261
Acetylcholine
  chronic hydrogen peroxide exposure and, airway smooth muscle, L566
  electrically evoked release, *N*-type calcium channel mediation of, trachea (guinea pig), L581
  release from airway cholinergic nerves, stimulation intensity, muscle preload (horse), L269
Acid-base balance, calcium transients in type II alveolar epithelial cells, induction by pH, L448
Actinomycin D, biphasic glucocorticoid regulation, pulmonary SP-A, inhibitory process, L236
Adenine, nucleotide degradation, ischemic lung tissue, L329
Adenosine, inhibition induced by, vagal motoneuron excitability, receptor subtype, L124
Adenosine monophosphate, cyclic
  ATP and, synthesis of surfactant protein A, lung, L431
  inhibition of IL-1-induced IL-6 production, lung fibroblasts, L253
  responsiveness of fetal lung, modulation of differentiation, oxygen, L465
Adenosine triphosphate
  activation of phospholipase D, surfactant secretagogues, type II pneumocytes, L133
  adenine nucleotide degradation, ischemic lung tissue, L329
  cyclic AMP and, synthesis of surfactant protein A, lung, L431
Adhesion, endothelial, hydrogen peroxide-induced increase, ICAM-1 activation, L406
Air-liquid interface culture, enhanced sodium transport and, airway, L560
Airway
  cholinergic nerves, acetylcholine release, stimulation intensity and muscle preload (horse), L269
  epithelium
    enhanced sodium transport in, L560
    fluid movement and ion transport, modulation by dexamethasone, L376
  modulation of inherent tone, phosphodiesterase isozymes, L458
  morphometry, secretory product expression (rabbit, rat), L543
  neural relaxation of bronchi, nitric oxide synthase inhibitor, L425
  smooth muscle
    mode of activation of eosinophils, L475
    muscarinic cholinergic stimulation, calcium mobilization, L496
  substrates, myosin phosphorylation and stress in, L553
  susceptibility to ozone-induced inflammation
    separate loci control responses, L21
    subacute exposure, genetic control, L15
  tone, modulation by hypoxia, role of Ca^{2+} entry (pig), L284
Albumin, gastrin-releasing peptide and analogues, nasal mucosal secretion, L345
Alkaline phosphatase, gastrin-releasing peptide and analogues, nasal mucosal secretion, L345
Alveolar cells
  epithelial barrier properties, asymmetric effects, hydrogen peroxide, L308
  type II
    cell-specific posttranslational processing, SP-B, L290
    increased surfactant internalization, microporous membranes, L300
    neutrophil adherence, cell surface carbohydrates, L391
    phospholipase A_2, characterization, L261
    regulation of phosphatidylcholine synthesis, L575
    serum-free cell culture, fetal lung, L504
    stimulation of chemotaxis by SP-A, macrophages, L338
Amiloride
  oxidant injury, alteration of barrier function, tracheal epithelium (ferret), L165
  sodium channels sensitive to, fetal lung epithelial cells, L357
Amino acids, transport, pulmonary artery endothelial cells (pig), L351
Angiotensin-converting enzyme, steroid-induced suppression of adhesion, reversal by peptidase inhibitors, tracheal blood vessels, L316
Antioxidant enzymes
  alveolar epithelial barrier properties, asymmetric properties, hydrogen peroxide, L308
  expression, ovary cells (hamster), L598
  variable glutathione levels and expression, endothelial cells, L482
Arachidonic acid
  A23187-mediated activation of, serine esterase role in, pulmonary endothelium, L538
  phospholipase A_2, alveolar type II epithelial cells, characterization, L261
  transcellular eicosanoid synthesis, cocultures, alveolar epithelial cells and macrophages, L438
L-Arginine, transport, pulmonary artery endothelial cells (pig), L351
Artery, pulmonary, endothelium, monocrotaline pyrrole-induced DNA cross-linking (pig), L517
Asbestos, exposure, increased bronchial epithelial cell fibrinolytic activity, L276
A23187: *see* Calcium ionophore
ATP-ribosylation, PAF, pulmonary hemodynamic alterations (pig), L213
Autoreceptors, acetylcholine release from airway cholinergic nerves, stimulation intensity, muscle preload (horse), L269

B

Bacteremia, postoperative, ED_1-containing cellular fibronectin release, lung lymph (sheep), L66
Benzamil, amiloride-sensitive Na^+ channels, fetal lung epithelial cells, L357
Bile duct, biliary cirrhosis, increased pulmonary vascular resistance, role of thromboxane A_2, L245
Bleomycin, -stimulated alveolar macrophages, transforming growth factor-β expression and secretion, L36
Blood vessels, tracheal, steroid-induced suppression of adhesion, reversal by peptidase inhibitors, L316
Bombesin
  contractile effect, gastrin-releasing peptide receptors, lung, L80
  gastrin-releasing peptide and analogues, nasal mucosal secretion, L345
Bone cells: *see* Osteoclasts
Brain, lungs with hypoxic pulmonary hypertension, PDGF A- and B-chain genes, L100
Bronchi
  modulation of airway tone by hypoxia, role of Ca^{2+} (pig), L284
  neural relaxation, nitric oxide synthase, L425
Bronchial epithelial cells, fibrinolytic activity, asbestos exposure, L276
Bronchiectasis, interleukin 8 as chemoattractant, sputum, chronic inflammatory airway diseases, L413
Bronchioles, differentiation, secretory product expression during (rabbit, rat), L543
Bronchoalveolar lavage, susceptibility to ozone-induced inflammation, subacute exposure, genetic control, L15
Buthionine sulfoximine, variable glutathione levels, antioxidant enzymes, endothelial cells, L482

C

Calcium
  cytosolic, acute hypoxia, pulmonary arterial myocytes, L323
  inositol trisphosphate, norepinephrine-induced pulmonary arterial contraction, L160
  mobilization, muscarinic cholinergic stimulation, single airway smooth muscle, L496
  transients in type II alveolar epithelial cells, induction by pH, L448
Calcium channels, N-type, acetylcholine release and, trachea (guinea pig), L581
Calcium currents, pulmonary and mesenteric arterial myocytes, ionic currents, primary culture and subculture, L107
Calcium ionophore, phospholipase A_2 activation mediated by, serine esterase

Calcium ionophore (*continued*)
role in, pulmonary endothelium, L538
Calcium ions
differences in mobilization, muscarinic agonists, tracheal smooth muscle, L53
entry, modulation of airway tone, hypoxia (pig), L284
Calphostin C, activation, pulmonary artery endothelial protein kinase C, L7
cAMP: *see* Adenosine monophosphate, cyclic
Capsaicin, steroid-induced suppression of adhesion, reversal by peptidase inhibitors, tracheal blood vessels, L316
Captopril, steroid-induced suppression of adhesion, reversal by peptidase inhibitors, tracheal blood vessels, L316
Carbachol, airway smooth muscle, muscarinic cholinergic stimulation, calcium mobilization, L496
Carbohydrates
cell surface, modulation of neutrophil adherence, alveolar type II cells, L391
stimulation of chemotaxis by SP-A, alveolar macrophages, L338
Cardiopulmonary system, alterations during coinfusion of TNF-α and IL-1α, PAF receptor antagonism (pig), L175
Catalase
alveolar epithelial barrier properties, asymmetric properties, hydrogen peroxide, L308
chronic hydrogen peroxide exposure and, airway smooth muscle, L566
hydrogen peroxide-induced increase, endothelial adhesiveness, ICAM-1 activation, L406
oxidant injury, alteration of barrier function, tracheal epithelium (ferret), L165
variable glutathione levels, antioxidant enzymes, endothelial cells, L482
CD18, mediation of endothelial injury, neutrophil adherence to extracellular matrix, L401
Cell culture
cystic fibrosis tracheal gland cells, hypersecretion and insensitivity, neurotransmitters, L93
monocrotaline pyrrole-induced DNA cross-linking, pulmonary artery endothelium (pig), L517
serum-free, type II cell differentiation, fetal lung, L504
Cell cycle, exposure to hyperoxia and, Cu, Zn superoxide dismutase, vascular cells, L365
Chemoattractant, interleukin 8, sputum, chronic inflammatory airway diseases, L413
Chemotaxis
interleukin 8 as chemoattractant, sputum, chronic inflammatory airway diseases, L413
monocyte, alveolar macrophage production, transforming growth factor-β expression, L36
stimulation by surfactant protein A, alveolar macrophage, L338
Chloride channels, low-conductance, IEC-6 and CF nasal cells, CFTR expression, L229
Cholinergic innervation, development of, trachea (piglet), L606
Chromatography, high-performance liquid, acetylcholine release, airway cholinergic nerves (horse), L269
Cirrhosis, biliary, increased pulmonary vascular resistance, role of thromboxane A_2, L245
Clara cells, differentiation, secretory product expression during (rabbit, rat), L543
Collagen
mediation of endothelial injury, neutrophil adherence to extracellular matrix, L401
protein synthesis in pulmonary arteries, exposure to hypoxia, L74
stimulation of chemotaxis by SP-A, alveolar macrophages, L338
Complements, stimulation of chemotaxis by SP-A, alveolar macrophages, L338
Compound 48/80, histamine release from mast cells, inhibition by heparin, L387
Copper, -Zn superoxide dismutase, cell cycling and exposure to hyperoxia, vascular cells, L365
Coupling, receptor-effector, smooth muscle guanine nucleotides, inhibition of oxidative energy production, L1
CTP-phosphocholine cytidylyltransferase, regulation of phosphatidylcholine synthesis, alveolar type II cells, L575
Cycloheximide, biphasic glucocorticoid regulation, pulmonary SP-A, inhibitory process, L236
Cyclooxygenase, activation of tracheal smooth muscle responsiveness, FMLP-treated HL-60 cells, neutrophils, L222
Cystic fibrosis
interleukin 8 as chemoattractant, sputum, chronic inflammatory airway diseases, L413
nasal cells expression CFTR, low-conductance chloride channels, IEC-6 cells, L229
tracheal gland cells, hypersecretion and insensitivity, neurotransmitters, L93
Cytokines, TNF-α and IL-1α coinfusion, cardiopulmonary alterations, PAF receptor antagonism (pig), L175
Cytosol, calcium, acute hypoxia, pulmonary arterial myocytes, L323

D

Dazoxiben, biliary cirrhosis, increased pulmonary vascular resistance, role of thromboxane A_2, L245
Deferoxamine mesylate, oxidant injury, alteration of barrier function, tracheal epithelium (ferret), L165
Development: *see also* Growth
lung
regulation of phosphatidylcholine synthesis, type II cells, L575
secretory product expression (rabbit, rat), L543
Dexamethasone, modulation of ion transport, fluid movement across airway epithelium, L376
Diacylglycerol, airway smooth muscle, muscarinic cholinergic stimulation, calcium mobilization, L496
Dibutyryl adenosine 3′,5′-cyclic monophosphate, cAMP inhibition, IL-1-induced IL-6 production, lung fibroblasts, L253
Diethylmaleate, variable glutathione levels, antioxidant enzymes, endothelial cells, L482
Diotanoglycerol, activation, pulmonary artery endothelial protein kinase C, tumor necrosis factor-α, L7
Diphenylamine-2-carboxylate, oxidant injury, tracheal epithelium (ferret), L165
DNA, monocrotaline pyrrole-induced cross-linking, pulmonary artery endothelium (pig), L517

E

Edema, pulmonary, neutrophil-activating peptide-2, heart failure or ARDS, L490
EDRF: *see* Endothelium-derived relaxing factor
Eicosanoids
PAF, pulmonary hemodynamic alterations (pig), L213
phospholipase A_2, alveolar type II epithelial cells, characterization, L261
TNF-α and IL-1α coinfusion, cardiopulmonary alterations, PAF receptor antagonism (pig), L175
transcellular synthesis in cocultures, alveolar epithelial cells, macrophages, L438
Elastin, protein synthesis in pulmonary arteries, exposure to hypoxia, L74
Electrical field, stimulation intensity and muscle preload, acetylcholine release, airway cholinergic nerves (horse), L269
Endopeptidase 24.11, steroid-induced suppression of adhesion, reversal by peptidase inhibitors, tracheal blood vessels, L316
Endothelial cells
Cu,Zn superoxide dismutase, cell cycling, exposure to hyperoxia, L365
pulmonary, serine esterase and regulation of phospholipase A_2 in, L538
pulmonary artery, L-arginine transport (pig), L351
Endothelium
adhesiveness, hydrogen peroxide-induced increase, ICAM-1 activation, L406
ischemic pulmonary venules, hydraulic conductivity, L382
mediation of injury, neutrophil adherence, extracellular matrix, L401
pulmonary artery, monocrotaline pyrrole-induced DNA cross-linking (pig), L517
Endothelium-derived relaxing factor, suppression, vasoconstrictor mechanism, hypertensive lung, L587
Energy, oxidative, inhibition of production, guanine nucleotides and receptor-effector coupling, L1
Eosinophils, mode of activation, tracheal smooth muscle contraction, L475
Epidermal growth factor, tubule formation, three-dimensional collagen lattice, surface respiratory epithelial cells, L183

Epithelial cells
alveolar
calcium transients in type II, induction by pH, L448
transcellular eicosanoid synthesis, macrophages, L438
fetal lung, amiloride-sensitive Na^+ channels, L357
respiratory
quantitative evaluation, gene expression, L199
tubule formation, three-dimensional collagen lattice, L183
type II cell differentiation, serum-free cell culture, fetal lung, L504
Epithelium
airway, fluid movement and ion transport, modulation by dexamethasone, L376
alveolar, type II pneumocyte hypertrophy, partial pneumonectomy, L153
IEC-6 and CF nasal cells expressing CFTR, low-conductance chloride channels, L229
tracheal, alteration of barrier function, oxidant injury (ferret), L165
Extracellular matrix
neutrophil adherence, mediation, endothelial injury, L401
three-dimensional collagen lattice, tubule formation, surface respiratory epithelial cells, L183

F

Fetus
lung
modulation of differentiation by oxygen, cAMP responsiveness, L465
trafficking of surfactant protein A, organ culture, L27
type II cell differentiation, serum-free cell culture, L504
lung epithelial cells, amiloride-sensitive Na^+ channels, L357
pulmonary SP-A, biphasic glucocorticoid regulation, inhibitory process, L236
Fibroblasts, IL-1-induced IL-6 production, inhibition by cAMP, L253
Fibronectin, ED_1-containing, release into lung lymph, vascular injury with postoperative bacteremia (sheep), L66
Fibrosis, pulmonary, alveolar macrophage production, transforming growth factor-β expression, L36
Fluid, movement across airway epithelium, modulation by dexamethasone, ion transport, L376
Flux, ischemic pulmonary venules, hydraulic conductivity, L382
FMLP, -treated HL-60 cells and neutrophils, activation, tracheal smooth muscle responsiveness, L222
Fura-2
airway smooth muscle, muscarinic cholinergic stimulation, calcium mobilization, L496
calcium transients in type II alveolar epithelial cells, induction by pH, L448
increased cytosolic calcium, acute hypoxia, pulmonary arterial myocytes, L323
Furosemide, oxidant injury, alteration of barrier function, tracheal epithelium (ferret), L165

G

Gastrin-releasing peptide
analogues and, nasal mucosal secretion, L345
receptors, contractile effect of bombesin, lung, L80
Genes
cystic fibrosis gene product, low-conductance chloride channels, IEC-6 and CF nasal cells, L229
70-kDa heat-shock, heat stress regulation of, L533
modulation of differentiation by oxygen, cAMP responsiveness, fetal lung, L465
PDGF A- and B-chain, hypoxic pulmonary hypertension, lung, L100
quantitative evaluation, respiratory epithelial cells, L199
Genetics
separate loci control responses, susceptibility, ozone-induced inflammation, L21
susceptibility to ozone-induced inflammation, subacute exposure, L15
Glucagon, -like peptide-1 receptors, solubilization, lung, L146
Glucocorticoids, biphasic regulation, pulmonary SP-A, inhibitory process, L236
Glutathione, variable levels and expression, antioxidant enzymes, endothelial cells, L482
Glutathione peroxidase, variable glutathione levels, antioxidant enzymes, endothelial cells, L482
G proteins
PAF, pulmonary hemodynamic alterations (pig), L213
muscarinic receptor subtypes and, trachea (piglet), L606
Growth: *see also* Development
immature lung, transplantation into adult recipient, L60
Guanine nucleotides, smooth muscle, receptor-effector coupling, inhibition of oxidative energy production, L1
Guanosine monophosphate, cyclic, O_2-dependent modulation, lactate, pulmonary artery tone, L141
Guanylate cyclase, O_2-dependent modulation, lactate, pulmonary artery tone, L141

H

Heart, congestive failure, neutrophil-activating peptide-2, pulmonary edema, L490
Heat, stress, regulation of 70-kDa heat-shock gene, L533
Heme oxygenase, variable glutathione levels, antioxidant enzymes, endothelial cells, L482
Heparin, inhibition of pulmonary release, mast cells, L387
Histamine, release from mast cells, inhibition by heparin, L387
HL-60 cells, FMLP-treated, activation, tracheal smooth muscle responsiveness, L222
HPLC: *see* Chromatography, high-performance liquid
Hydrogen-adenosine triphosphatase, respiratory burst and pH regulation, sodium and proton pump, alveolar macrophages, L523
Hydrogen peroxide
asymmetric effects, alveolar epithelial barrier properties, L308
chronic exposure, airway smooth muscle, hydroxyl radical effects, L566
-induced increase, endothelial adhesiveness, ICAM-1 activation, L406
O_2-dependent modulation, lactate, pulmonary artery tone, L141
oxidant injury, alteration of barrier function, tracheal epithelium (ferret), L165
Hydroxyl radical, chronic hydrogen peroxide exposure and, airway smooth muscle, L566
Hyperoxia, cell cycling, Cu,Zn superoxide dismutase, vascular cells, L365
Hypertension
pulmonary
PDGF A- and B-chain genes, lung, L100
vasoconstrictor suppression by EDRF, L587
pulmonary artery, exposure to hypoxia, protein synthesis, L74
pulmonary artery endothelium, monocrotaline pyrrole-induced DNA cross-linking (pig), L517
Hypertrophy, type II pneumocyte, partial pneumonectomy, L153
Hypoxanthine-xanthine oxidase, variable glutathione levels, antioxidant enzymes, endothelial cells, L482
Hypoxia
acute, cytosolic calcium, pulmonary arterial myocytes, L323
exposure of pulmonary arteries, protein synthesis, L74
-induced pulmonary arterial contraction, inositol trisphosphate, norepinephrine, L160
inhibition of oxidative energy production, smooth muscle guanine nucleotides, receptor-effector coupling, L1
modulation of airway tone, role of Ca^{2+} entry (pig), L284
pulmonary hypertension, PDGF A- and B-chain genes, lung, L100
reduction of potassium currents, pulmonary arterial myocytes, L116

I

IEC-6 cells, low-conductance chloride channels, expression of CFTR, L229
Immunofluorescence, amiloride-sensitive Na^+ channels, fetal lung epithelial cells, L357
Immunoprecipitation, stimulation of surfactant protein A synthesis, ATP and cyclic AMP, lung, L431
Indomethacin
chronic hydrogen peroxide exposure and, airway smooth muscle, L566
PAF, pulmonary hemodynamic alterations (pig), L213
Infection, gram-negative, TNF administration, superoxide production and protein kinase C in alveolar macrophages, L43
Inflammation
ozone-induced
susceptibility, genetic control, L15

Inflammation (*continued*)
susceptibility, separate loci control responses, L21
Inositol trisphosphate, norepinephrine-induced pulmonary arterial contraction, L160
Insulinoma, glucagon-like peptide-1 receptors, solubilization, lung, L146
Integrin, mediation of endothelial injury, neutrophil adherence to extracellular matrix, L401
Interleukin 1, -induced IL-6 production, inhibition by cAMP, lung fibroblasts, L253
Interleukin-1α, tumor necrosis factor-α and, cardiopulmonary alterations, PAF receptor antagonism (pig), L175
Interleukin 6, IL-1-induced production, inhibition by cAMP, lung fibroblasts, L253
Interleukin 8, chemoattractant in sputum, chronic inflammatory airway diseases, L413
Intestine, IEC-6 and CF nasal cells expressing CFTR, low-conductance chloride channels, L229
Ionic currents, pulmonary and mesenteric arterial myocytes, primary culture and subculture, L107
Ions, transport, modulation by dexamethasone, fluid movement across airway epithelium, L376
Ischemia
lung tissue, adenine nucleotide degradation, L329
pulmonary venules, hydraulic conductivity, L382

K

Kininase II, steroid-induced suppression of adhesion, reversal by peptidase inhibitors, tracheal blood vessels, L316

L

Lactate, O_2-dependent modulation, pulmonary artery tone, L141
Lamellar bodies
stimulation of surfactant protein A synthesis, ATP and cAMP, lung, L431
trafficking of surfactant protein A, fetal lung, organ culture, L27
Lectin, stimulation of chemotaxis by SP-A, alveolar macrophages, L338
Leukemia, promyelocytic, FMLP-treated HL-60 cells and neutrophils, activation, tracheal smooth muscle responsiveness, L222
Leukocytes
polymorphonuclear
neutrophil adherence to extracellular matrix, mediation of endothelial injury, L401
reversal of steroid-induced suppression, neutrophil adhesion, L316
susceptibility to ozone-induced inflammation
separate loci control responses, L21
subacute exposure, genetic control, L15
Leukotrienes, transcellular eicosanoid synthesis, cocultures, alveolar epithelial cells and macrophages, L438
Liposomes, increased surfactant internalization, type II cells, microporous membranes, L300
Lipoxygenase, activation of tracheal smooth muscle responsiveness, FMLP-treated HL-60 cells, neutrophils, L222
Lung
adult respiratory distress syndrome
PAF-induced alterations, pertussis toxin (pig), L213
PAF receptor antagonism, TNF-α and IL-1α coinfusion (pig), L175
arterial myocytes
acute hypoxia, cytosolic calcium, L323
reduction of potassium currents, hypoxia, L116
calcium transients in type II alveolar epithelial cells, induction by pH, L448
Clara cell differentiation, secretory product expression during (rabbit, rat), L543
epithelial cells
amiloride-sensitive Na^+ channels, fetus, L357
quantitative evaluation, gene expression, L199
epithelium, regulation of phosphatidylcholine synthesis, type II cells, L575
fetal
modulation of differentiation by oxygen, cAMP responsiveness, L465
trafficking of surfactant protein A, organ culture, L27
type II cell differentiation, serum-free cell culture, L504
fibroblasts, IL-1-induced IL-6 production, inhibition by cAMP, L253
fibrosis, asbestos exposure, L276
gastrin-releasing peptide receptors, contractile effect, bombesin, L80
glucagon-like peptide-1 receptors, solubilization, L146
hypertensive, vasoconstrictor suppression by EDRF, L587
hypoxic pulmonary hypertension, PDGF A- and B-chain genes, L100
immature, growth of, transplanted into adult, L60
increased pulmonary vascular resistance, biliary cirrhosis, role of thromboxane A_2, L245
ischemic tissue, adenine nucleotide degradation, L329
matrix injury, fibronectin release (sheep), L66
pulmonary artery endothelial protein kinase C
activation, tumor necrosis factor-α, L7
L-arginine transport (pig), L351
pulmonary SP-A, biphasic glucocorticoid regulation, inhibitory process, L236
pulmonary surfactant protein A, stimulation of chemotaxis, alveolar macrophages, L338
stimulation of surfactant A synthesis, ATP and cyclic AMP, L431
Lymph, lung, ED_1-containing cellular fibronectin release, postoperative bacteremia (sheep), L66

M

Macrophages
alveolar
bleomycin stimulation, transforming growth factor-β expression and secretion, L36
sodium and proton pump, respiratory burst and pH regulation, L523
stimulation of chemotaxis, surfactant protein A, L338
TNF administration, superoxide production and protein kinase C activity, L43
alveolar epithelial cells and, transcellular eicosanoid synthesis, L438
biliary cirrhosis, increased pulmonary vascular resistance, role of thromboxane A_2, L245
neutrophil-activating peptide-2, pulmonary edema, congestive heart failure or ARDS, L490
Manganese superoxide dismutase, expression, ovary cells (hamster), L598
Mannitol, oxidant injury, alteration of barrier function, tracheal epithelium (ferret), L165
Mannose-binding protein, stimulation of chemotaxis by SP-A, alveolar macrophages, L338
Mast cells, histamine release, inhibition by heparin, L387
Mastocytoma cells, histamine release from mast cells, inhibition by heparin, L387
Mn SOD: *see* Manganese superoxide dismutase
Monoclonal antibodies
amiloride-sensitive Na^+ channels, fetal lung epithelial cells, L357
mediation of endothelial injury, neutrophil adherence to extracellular matrix, L401
Monocrotaline pyrrole, -induced DNA cross-linking, pulmonary artery endothelium (pig), L517
Monocytes, chemotaxis, alveolar macrophage production, transforming growth factor-β expression, L36
Monokines, pulmonary artery endothelial protein kinase C, activation by tumor necrosis factor-α, L7
Monolayers, alveolar epithelial barrier properties, asymmetric properties, hydrogen peroxide, L308
Motoneurons, vagal, excitability, adenosine-induced inhibition, L124
Mucus, sputum, interleukin 8 as chemoattractant, chronic inflammatory airway diseases, L413
Muscarinic agonists, differences in Ca^{2+} mobilization, tracheal smooth muscle, L53
Muscle, preload and stimulation intensity, acetylcholine release, airway cholinergic nerves (horse), L269
Muscle, smooth
airway
cholinergic innervation and muscarinic receptor subtypes in (piglet), L606
electrically evoked ACh release, calcium channel mediation of (guinea pig), L581
hydrogen peroxide-exposed, hydroxyl radical effects, L566
modulation of tone by hypoxia, role of calcium entry (pig), L284
muscarinic cholinergic stimulation, calcium mobilization, L496

substrates, myosin phosphorylation, and stress in, L553
bronchial, contractile effect of bombesin, gastrin-releasing peptide receptors, L80
guanine nucleotides, receptor-effector coupling, inhibition of oxidative energy production, L1
neural relaxation of bronchi, nitric oxide synthase inhibitor, L425
norepinephrine-induced pulmonary arterial contraction, involvement of inositol trisphosphate, L160
pulmonary and mesenteric arterial myocytes, ionic currents, primary culture and subculture, L107
tracheal
activation, FMLP-treated HL-60 cells and neutrophils, L222
contraction, mode of activation of eosinophils, L475
differences in Ca^{2+} mobilization, muscarinic agonists, L53
vascular, Cu,Zn superoxide dismutase, cell cycling and exposure to hyperoxia, L365
Myocytes
pulmonary and mesenteric arterial, ionic currents, primary culture and subculture, L107
pulmonary arterial
acute hypoxia, cytosolic calcium, L323
reduction of potassium currents, hypoxia, L116
Myosin, phosphorylation, stress and substrates with, airway smooth muscle, L553

N

Nasal mucosa, secretion, gastrin-releasing peptide and analogues, L345
Nerve: *see also* specific nerve
airway cholinergic, acetylcholine release, stimulation intensity and muscle preload (horse), L269
relaxation of bronchi, nitric oxide synthase inhibitor, L425
Neuraminidase, cell surface carbohydrates, modulation of neutrophil adherence, alveolar type II cells, L391
Neuropeptides, gastrin-releasing peptide and analogues, nasal mucosal secretion, L345
Neurotransmission, acetylcholine release from airway cholinergic nerves, stimulation intensity, muscle preload (horse), L269
Neurotransmitters
constitutive hypersecretion and insensitivity, cystic fibrosis tracheal gland cells, L93
electrically evoked release, *N*-type calcium channel mediation of, trachea (guinea pig), L581
Neutral endopeptidase, steroid-induced suppression of adhesion, reversal by peptidase inhibitors, tracheal blood vessels, L316
Neutrophil-activating peptide-2, pulmonary edema from congestive heart failure, ARDS, L490
Neutrophils
adherence to alveolar type II cells, cell surface carbohydrates, L391
adherence to extracellular matrix, mediation, endothelial injury, L401
FMLP-treated HL-60 cells and, activation, tracheal smooth muscle responsiveness, L222
interleukin 8 as chemoattractant, sputum, chronic inflammatory airway diseases, L413
steroid-induced suppression of adhesion, reversal by peptidase inhibitors, tracheal blood vessels, L316
Nitric oxide, suppression, vasoconstrictor mechanism, hypertensive lung, L587
Nitric oxide synthase, inhibitor, neural relaxation, bronchi, L425
N^G-Nitro-L-arginine methyl ester, nitric oxide synthase inhibitor, neural relaxation, bronchi, L425
Norepinephrine, -induced pulmonary arterial contraction, involvement of inositol trisphosphate, L160
Nucleotides
adenine, degradation, ischemic lung tissue, L329
cyclic, modulation of inherent airway tone, phosphodiesterase isozymes, L458

O

Ovary cells, Mn SOD expression in, oxidant injury protection (hamster), L598
Oxidants, alveolar epithelial barrier properties, asymmetric properties, hydrogen peroxide, L308
Oxidant injury
alteration of barrier function, tracheal epithelium (ferret), L165
protection from, ovary cells (hamster), L598
Oxygen
-dependent modulation, lactate, pulmonary artery tone, L141
modulation of differentiation, cAMP responsiveness, fetal lung, L465
Ozone
-induced inflammation
susceptibility, genetic control, L15
susceptibility, separate loci control responses, L21

P

PAF: *see* Platelet-activating factor
Paraquat, oxidant injury, Mn SOD protection from, ovary cells (hamster), L598
Patch-clamp technique, reduction of potassium currents, hypoxia, pulmonary arterial myocytes, L116
PDGF: *see* Platelet-derived growth factor
Peptidase, inhibitors, reversal of steroid-induced suppression of adhesion, tracheal blood vessels, L316
Peptides, vasoactive intestinal, neural relaxation of bronchi, nitric oxide synthase inhibitor, L425
Permeability
ischemic pulmonary venules, hydraulic conductivity, L382
mediation of endothelial injury, neutrophil adherence to extracellular matrix, L401
susceptibility to ozone-induced inflammation, subacute exposure, genetic control, L15
vascular, reversal of steroid-induced suppression, neutrophil adhesion, L316
vascular injury with postoperative bacteremia, ED_1-containing cellular fibronectin release, lung lymph (sheep), L66
Permselectivity, alteration of barrier function, oxidant injury, tracheal epithelium (ferret), L165
Pertussis toxin, attenuation, platelet-activating factor-induced pulmonary hemodynamic alterations (pig), L213
pH
induction, calcium transients in type II alveolar epithelial cells, L448
regulation and respiratory burst, sodium and proton pump, alveolar macrophages, L523
Phorbol 12-myristate 13-acetate
sodium and proton pump, respiratory burst and pH regulation, alveolar macrophages, L523
TNF administration, superoxide production and protein kinase C activity, alveolar macrophages, L43
Phosphatidylcholine, regulation of synthesis, type II cells, fetal, L575
Phosphatidylethanol, activation of phospholipase D, surfactant secretagogues, type II pneumocytes, L133
Phosphodiesterase, isozymes, modulation of inherent tone, airway, L458
Phospholipase A_2
alveolar type II epithelial cells, biochemical and immunologic characterization, L261
A23187-mediated activation of, serine esterase role in, pulmonary endothelium, L538
Phospholipase D, activation by ATP, surfactant secretagogues, type II pneumocytes, L133
Phospholipids, phospholipase A_2, alveolar type II epithelial cells, characterization, L261
Phosphoramidon, steroid-induced suppression of adhesion, reversal of peptidase inhibitors, tracheal blood vessels, L316
Plasma membrane, amiloride-sensitive Na^+ channels, fetal lung epithelial cells, L357
Plasminogen, asbestos exposure, increased bronchial epithelial cell fibrinolytic activity, L276
Platelet-activating factor, -induced pulmonary hemodynamic alterations, attenuation, pertussis toxin (pig), L213
Platelet-derived growth factor, A- and B-chain genes, hypoxic pulmonary hypertension, lung, L100
Platelets, neutrophil-activating peptide-2, pulmonary edema, congestive heart failure or ARDS, L490
Pneumocytes
alveolar type II epithelial cells, phospholipase A_2, characterization, L261
amiloride-sensitive Na^+ channels, fetal lung epithelial cells, L357
increased surfactant internalization, type II cells, microporous membranes, L300

Pneumocytes (*continued*)
type II
activation of phospholipase D, surfactant secretagogues, L133
hypertrophy after pneumonectomy, L153
Polyclonal antibodies, amiloride-sensitive Na^+ channels, fetal lung epithelial cells, L357
Polymerase chain reaction, quantitative evaluation of gene expression, respiratory epithelial cells, L199
Potassium currents
pulmonary and mesenteric arterial myocytes, primary culture and subculture, L107
reduction of, hypoxia, pulmonary arterial myocytes, L116
Prostaglandin E_1, IL-1-induced IL-6 production, inhibition by cAMP, lung fibroblasts, L253
Prostaglandins, transcellular eicosanoid synthesis, cocultures, alveolar epithelial cells and macrophages, L438
Protein, synthesis, pulmonary arteries exposed to hypoxia, L74
Protein kinase C
pulmonary artery, activation by tumor necrosis factor-α, L7
superoxide production and, TNF administration, alveolar macrophages, L43
Proteolysis
asbestos exposure, increased bronchial epithelial cell fibrinolytic activity, L276
cell-specific posttranslational processing, surfactant-associated protein SP-B, L290
Proton pump, sodium pump and, respiratory burst and pH regulation, alveolar macrophages, L523
Pulmonary artery
inositol trisphosphate, L160
norepinephrine-induced contraction
acute hypoxia, increased cytosolic calcium, L323
endothelial cells, L-arginine transport (pig), L351
endothelial protein kinase C, activation by tumor necrosis factor-α, L7
exposure to hypoxia, protein synthesis, L74
mesenteric myocytes and, ionic currents, primary culture and subculture, L107
myocytes, hypoxia, reduction of potassium currents, L116
O_2-dependent modulation of tone, lactate, L141
Pulmonary edema: *see* Edema
Pyrrolizidine alkaloids, monocrotaline pyrrole-induced DNA cross-linking, pulmonary artery endothelium (pig), L517

R

Receptors
adenosine, inhibition, vagal motoneuron excitability, L124
-effector coupling, smooth muscle guanine nucleotides, inhibition of oxidative energy production, L1
gastrin-releasing peptide, contractile effect of bombesin, lung, L80
muscarinic
differences in Ca^{2+} mobilization, tracheal smooth muscle, L53
subtypes, development of, trachea (piglet), L606
muscarinic cholinergic, calcium mobilization, airway smooth muscle, L496
platelet-activating factor, antagonism, cardiopulmonary alterations (pig), L175
solubilized lung GLP-1, L146
Reperfusion, ischemic pulmonary venules, hydraulic conductivity, L382
Respiratory burst, pH regulation and, sodium and proton pump, alveolar macrophages, L523
Respiratory distress syndrome, adult, neutrophil-activating peptide-2, pulmonary edema, L490
Ribonucleic acid, messenger
alveolar macrophage production, transforming growth factor-β, L36
biphasic glucocorticoid regulation, pulmonary SP-A, inhibitory process, L236
Cu,Zn superoxide dismutase, cell cycling and exposure to hyperoxia, vascular cells, L365
hydrogen peroxide-induced increase, endothelial adhesiveness, ICAM-1 activation, L406
quantitative evaluation of gene expression, respiratory epithelial cells, L199
stimulation of surfactant protein A synthesis, ATP and cyclic AMP, lung, L431

S

Sarcoplasmic reticulum, increased cytosolic calcium, acute hypoxia, pulmonary arterial myocytes, L323
Secretagogues
adenosine triphosphate, activation of phospholipase D, type II pneumocytes, L133
increased surfactant internalization, type II cells, microporous membranes, L300
Septic shock, TNF administration, superoxide production and protein kinase C activity, alveolar macrophages, L43
Serine esterase, activation of phospholipase A_2 and, pulmonary endothelium, L538
Serous cells, cystic fibrosis tracheal gland cells, hypersecretion and insensitivity, neurotransmitters, L93
Sialic acid, cell surface carbohydrates, modulation of neutrophil adherence, alveolar type II cells, L391
Signal transduction
activation, pulmonary artery endothelial protein kinase C, tumor necrosis factor-α, L7
PAF, pulmonary hemodynamic alterations (pig), L213
Snarf-1, calcium transientsin type II alveolar epithelial cells, induction by pH, L448
Sodium
proton pump and, respiratory burst and pH regulation, alveolar macrophages, L523
transport, air-liquid interface culture system, L560
Sodium-calcium exchanger, calcium transients in type II alveolar epithelial cells, induction by pH, L448
Sodium channels, amiloride-sensitive, fetal lung epithelial cells, L357
Sodium-hydrogen exchange, respiratory burst and pH regulation, alveolar macrophages, L523
Steroids, -induced suppression of neutrophil adhesion, reversal by peptidase inhibitors, tracheal blood vessels, L316
Stress
heat, regulation of 70-kDa heat-shock gene, L533
substrates, myosin phosphorylation and, airway smooth muscle, L553
Submucosal glands, gastrin-releasing peptide and analogues, nasal mucosal secretion, L345
Substrata, microporous membranes, increased surfactant internalization, type II cells, L300
Substrates, myosin phosphorylation, stress and, airway smooth muscle, L553
Superoxide
oxidant injury, alteration of barrier function, tracheal epithelium (ferret), L165
production, TNF administration, alveolar macrophages, L43
Superoxide anions, O_2-dependent modulation, lactate, pulmonary artery tone, L141
Superoxide dismutase
Cu,Zn, cell cycling and exposure to hyperoxia, vascular cells, L365
oxidant injury, alteration of barrier function, tracheal epithelium (ferret), L165
variable glutathione levels, antioxidant enzymes, endothelial cells, L482
Surfactant
biosynthesis, type II pneumocyte hypertrophy, partial pneumonectomy, L153
internalization by type II cells, microporous membranes, L300
secretagogues, activation of phospholipase D, type II pneumocytes, L133
type II cell differentiation, serum-free cell culture, fetal lung, L504
Surfactant protein A
biphasic glucocorticoid regulation, inhibitory process, L236
modulation of differentiation by oxygen, cAMP responsiveness, fetal lung, L465
stimulation of chemotaxis, alveolar macrophage, L338
stimulation of synthesis, ATP and cyclic AMP, lung, L431
trafficking of, fetal lung, organ culture, L27
Surfactant protein B, cell-specific posttranslational processing, L290

T

12-*O*-Tetradecanoylphorbol-13 acetate, activation of phospholipase D, surfactant secretagogues, type II pneumocytes, L133

Thapsigargin, increased cytosolic calcium, acute hypoxia, pulmonary arterial myocytes, L323
Thromboxane A_2
increased pulmonary vascular resistance, biliary cirrhosis, L245
PAF, pulmonary hemodynamic alterations (pig), L213
TNF: *see* Tumor necrosis factor
Trachea
airway cholinergic nerves, acetylcholine release, stimulation intensity and muscle preload (horse), L269
blood vessels, steroid-induced suppression of adhesion, reversal by peptidase inhibitors, L316
cholinergic innervation, muscarinic receptor subtypes and (piglet), L606
contractile effect of bombesin, gastrin-releasing peptide receptors, lung, L80
cystic fibrosis, hypersecretion and insensitivity, neurotransmitters, L93
electrically evoked ACh release, *N*-type calcium channel mediation of (guinea pig), L581
epithelium, alteration of barrier function, oxidant injury (ferret), L165
smooth muscle
differences in Ca^{2+} mobilization, muscarinic agonists, L53
hydrogen peroxide-exposed, hydroxyl radical effects, L566
mode of activation of eosinophils, L475
muscarinic cholinergic stimulation, calcium mobilization, L496
responsiveness, FMLP-treated HL-60 cells, neutrophils, L222
Transforming growth factor-β
expression and secretion, bleomycin-stimulated alveolar macrophages, L36
type II cell differentiation, serum-free cell culture, fetal lung, L504
Transplantation, growth of immature lung in adult recipient, L60
Tumor necrosis factor, superoxide production and protein kinase C activity, alveolar macrophages, L43
Tumor necrosis factor-α
activation, pulmonary artery endothelial protein kinase C, L7
hydrogen peroxide-induced increase, endothelial adhesiveness, ICAM-1 activation, L406
interleukin-1α and, cardiopulmonary alterations, PAF receptor antagonism (pig), L175

V

Vaccinia, IEC-6 and CF nasal cells expressing CFTR, low-conductance chloride channels, L229
Vagus nerve
motoneuron excitability, adenosine-induced inhibition, receptor subtype, L124
stimulation, development of, trachea (piglet), L606
Vasculature, pulmonary, activation of endothelial protein kinase C, tumor necrosis factor-α, L7
Vasoconstriction, O_2-dependent modulation, lactate, pulmonary artery tone, L141
Vasoconstrictors, suppression by EDRF, hypertensive lung, L587
Venules
postcapillary, reversal of steroid-induced suppression, neutrophil adhesion, L316
pulmonary, ischemia, hydraulic conductivity, L382
Vero cells, IEC-6 and CF nasal cells expressing CFTR, low-conductance chloride channels, L229

W

WEB 2086
biliary cirrhosis, increased pulmonary vascular resistance, role of thromboxane A_2, L245
PAF receptor antagonism, cardiopulmonary alterations, TNF-α and IL-1α coinfusion (pig), L175
Wound healing, tubule formation, three-dimensional collagen lattice, surface respiratory epithelial cells, L183

X

Xanthine oxidase, alteration of barrier function, oxidant injury, tracheal epithelium (ferret), L165

Z

Zinc, -Cu superoxide dismutase, cell cycling and exposure to hyperoxia, vascular cells, L365

Author Index to Volume 8

Acarregui, M. J., L465
Alcorn, J. L., L27
Al-Hassani, M. H., L53
Atkinson, M. A. L., L490
Aubier, M., L391
Azim, S., L1

Bai, T. R., L425
Baker, D. G., L581
Ballard, P. L., L236
Baraniuk, J. N., L345
Baranowski, S., L222
Baron, C. B., L1
Bauer, M. L., L357
Beers, M. F., L431
Benali, R., L183
Benos, D. J., L357
Benson, B., L290
Bhattacharya, J., L382
Bijman, J., L229
Blaustein, M. P., L107, L116
Borchelt, J., L290
Boucher, R. C., L560
Bourbon, J. R., L504
Bramley, A. M., L425
Brown, J. K., L581

Cardoso, W. V., L543
Carlson, K. S., L575
Cattarossi, L., L606
Chailley-Heu, B., L504
Chakraborti, S., L538
Chang, S.-W., L245
Chevillard, M., L183
Chinoy, M. R., L300
Cobb, S. M., L276
Coburn, R. F., L1
Coflesky, J. T., L74
Cohen, A. B., L490
Colas-Linhart, N., L391
Commins, L. M., L7
Cozzi, P. J., L222
Cragoe, E. J., Jr., L357
Crestani, B., L391
Croxton, T. L., L284

Dalemans, W., L229
Damm, D., L290
De Jonge, H., L229
De Leyn, P., L329
Denholm, E. M., L36
Dent, G., L458
Dickman, K. G., L560
Dodam, J. R., L213
Dodia, C., L300, L431
Don, H. F., L581
Donnelly, D. F., L124
Dreyer, D., L229

Effros, R. M., L448
Elias, J. A., L253
English, D., L160
Ernsberger, P., L606
Ertsey, R., L236
Etter, M. D., L153
Evans, J. N., L74

Fanburg, B. L., L365
Feinstein, S. I., L431
Fernandes, L. B., L284
Ferro, T. J., L7
Feyssa, A., L261, L438
Figarella, C., L93
Fillers, W. S., L1
Fisher, A. B., L300, L431
Flameng, W., L329
Flanagan, S., L533
Forman, H. J., L523
Fraslon, C., L504
Fujita, H., L100

Gaillard, D., L183
Garcia, J. G. N., L53
Gawin, A. Z., L345
Gerboth, G. D., L448
Gies, J.-P., L80
Gobran, L. I., L133
Göke, B., L146
Göke, R., L146
Goldman, W. F., L107, L116, L323
Greene, B., L351
Gross, T. J., L276
Gruenert, D. C., L276
Gunst, S. J., L53
Gupta, J. B., L566

Haddad, E.-B., L80
Haddad, G. G., L124
Hai, C.-M., L553
Hamann, K. J., L222
Hasunuma, K., L587
Hawgood, S., L290
Haworth, S. G., L60
Haxhiu, M. A., L606
Haxhiu-Poskurica, B., L606
Hébert, C. A., L413
Heile, M., L598
Hinnrasky, J., L183
Hirshman, C. A., L284
Hislop, A. A., L60
Hogan, M., L575
Hoogeveen, A., L229
Hook, G. E. R., L543

Iannuzzi, D. M., L236
Inase, N., L387
Ishihara, H., L376

Jacobs, E. R., L448
Janakidevi, K., L406
Ji, C., L543
Jin, N., L160
Johnson, A., L7
Johnson, L. G., L560
Jorens, P. G., L413
Jornot, L., L482
Junod, A. F., L482

Kajita, J., L496
Kaliner, M., L345
Kansen, M., L229
Kaslovsky, R. A., L401
Katayama, M., L316
Katayose, D., L100
Katyal, S. L., L543
Kern, J. A., L533
Keulemans, J., L229
Kim, E., L553
Kim, K.-J., L308
Kleeberger, S. R., L15, L21
Kleyman, T. R., L357
Klossek, J. M., L183
Kolligs, F., L146
Kong, X.-J., L365
Kruse-Elliott, K. T., L175, L213
Kulp, G. V. P., L475

Lacaze-Masmonteil, T., L504
Lach, E., L80
Lai, L., L401, L406
Lankat-Buttgereit, B., L146
Lanzillo, J. J., L365
Latham, D., L290
Lauwerijns, J., L329
Lazarus, S. C., L387
Lecocq, J.-P., L229
Lee, R., L60
Lee, S.-L., L365
Leff, A. R., L222, L475
Lerut, T., L329
Levitt, R. C., L15, L21
Lewis, E., L66
Liebig, S., L458
Lin, C., L357
Lipscomb, G. E., L43
Lo, S. K., L406
Lundgren, J. D., L345

Magnussen, H., L458
Malik, A. B., L401, L406
Mandel, L. J., L560
Maquart, F. X., L183
Marin, M. G., L165
Marks, J. D., L124
Martin, R. J., L606
Martin, T. R., L490
Masuda, T., L376
Matalon, S., L357
Matthay, M. A., L490
Maunder, R. J., L490
Mayer, A. M. S., L43
McBride, R. K., L165
McCafferty, J. D., L533
McDonald, D. M., L316
McGregor, C. G. A., L60
McKeown-Longo, P., L66
McMurtry, I. F., L587
Mendelson, C. R., L27, L465
Merten, M. D., L93
Michael, J. R., L538
Miller, E. J., L490
Miller, M. J., L606
Mohazzab-H, K. M., L141
Moore, K. L., L560
Mortelliti, M. P., L141
Moseley, P. L., L533
Mullenbach, G., L490
Munoz, N. M., L222
Murphy, J. K., L523

Nadel, J. A., L316, L413
Neagos, G. R., L261

O'Brodovich, H., L357
Ogata, M., L100
Ohara, N., L245
Ohe, M., L100
Oka, M., L587
Olson, N. C., L175, L213
Omar, H. A., L141

Pacitti, A. J., L351
Packer, C. S., L160
Papes, R., L598
Parker, D. M., L7
Parker, K., L401
Pavirani, A., L229
Peters-Golden, M., L261, L438
Peterson, M. W., L276
Petiet, A., L391
Petry, T. W., L517
Phillips, P. G., L7
Piedimonte, G., L316
Pinkerton, K. E., L543
Pino, M. V., L175
Pittner, R. A., L43
Plopper, C. G., L543
Post, M., L575
Prasad, K., L566
Puchelle, E., L183

Qiao, R.-L., L382

Rabe, K. F., L458
Rebres, R., L66
Ren Hsiue, T., L475
Reyes, V., L553
Rhoades, R. A., L160
Richman-Eisenstat, J. B. Y., L413
Richter, G., L146
Rinaldi, M., L60
Rizk, T., L66
Robinson, N. E., L269
Rodman, D. M., L587
Rolland, C., L391
Rollins, S. M., L36
Roman, R. J., L448
Rooney, S. A., L133
Roth, R. A., L517
Rubin, L. J., L107, L116

Saba, T. M., L66
Sadurski, R., L382
Salvaterra, C. G., L323
Sasaki, H., L376
Sasaki, T., L376
Satoh, M., L376
Scholte, B., L229
Schreck, R. E., L387
Schreinemakers, H., L329
Schudt, C., L458
Shibahara, S., L100
Shimura, S., L376
Shirato, K., L100
Singh, G., L543
Smith, B. T., L575
Snyder, J. M., L465
Solway, J., L222
Souba, W. W., L351
Spitz, D., L598
Spitzer, J. A., L43
Stelzner, T. J., L587
Stevens, M. D., L490
Stewart, L. G., L543
Stirewalt, W. S., L74
Stone, K. K., L165
Strek, M. E., L475
Stuart-Smith, K., L284
Suh, D.-J., L308

Takishima, T., L100, L376
Tenor, H., L458
Thurlbeck, W. M., L543

Tod, M. L., L107, L116
Tournier, J. M., L183
Trapnell, B. C., L199

Ueki, I., L413
Uhal, B. D., L153

Van Belle, H., L329
Van Lommel, F., L329
Verbeek, E., L229
Verbeken, E., L329
Vincent, P., L66
Vita, A., L222

Wagner, J. G., L517
Wali, A., L431
Wallach, S. J., L553
Wallen, E. S., L533
Wang, Z., L269
Warner, B., L598
Watson, C., L553
Webb, S. A., L587
White, S. R., L475
White, T., L290
Whorton, A. R., L213
Wiener-Kronish, J. P., L490
Wilke, M., L229
Williams, F. S., L475
Wispé, J., L598
Wolin, M. S., L141
Wright, J. R., L290, L338

Xu, J., L553

Yamada, K., L376
Yamaguchi, H., L496
Yamauchi, K., L100
Youmans, D. C., L338
Young, L. H., L74
Yu, M., L269
Yuan, X.-J., L107, L116

Zahm, J. M., L183
Zhang, L.-Y., L15, L21
Zheng, T., L253
Zimmermann, L. J., L575
Zitnik, R. J., L253
Zupan, V., L504